

REMARKS

Claims 1-2, 4-16, 18, 27, and 29-44 are currently pending in the application. Of these claims, claims 1, 6, 8, 15, 27, 30, 38, and 41 are independent.

Rejections

Claims 1, 2, 7, 14-16, 18, 27, 30, and 34 are rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 4,262,171 to Schneider et al. ("Schneider") and U.S. Patent No. 5,136,575 to Kuroda ("Kuroda").

Applicant respectfully traverses these rejections as follows.

Independent claim 1 has been amended in part to incorporate now canceled claim 3 which is objected to but would be allowable if rewritten in independent form.

Independent claim 15 has been amended in part to incorporate now canceled claim 17 which is objected to but would be allowable if rewritten in independent form.

Independent claim 27 has been amended in part to incorporate now canceled claim 28 which is objected to but would be allowable if rewritten in independent form.

Independent claim 30 recites setting a first frequency band and a second frequency band in response to an input signal. Applicant notes claim 8 recites a similar feature and is objected to but would be allowable if rewritten in independent form.

Noting the remaining rejected claims depend from independent claim 1 or 15, Applicant therefore respectfully submits these rejections have been overcome and should accordingly be withdrawn.

Note that there may be additional reasons for the patentability of claims. For example, there may be additional reasons why the dependent claims are patentable.

Objected To Claims

Claims 3-6, 8-13, 17, 28-29, 31-33, and 35-41 are objected to but would be allowable if rewritten in independent form.

Claims 3, 17, and 28 have been canceled without prejudice or disclaimer to amend their features into independent claims 1, 15, and 27, respectively.

Applicant respectfully submits claims 6, 8, 38, and 41 as amended and rewritten in independent form remain patentable.

New Claims

New claims 42-44 depend from independent claim 1, 38, or 41. Applicant therefore respectfully submits new claims 42-44 are patentable.

It is respectfully submitted this patent application is in condition for allowance, for which early action is earnestly solicited.

The Examiner is invited to telephone the undersigned to help expedite the prosecution of this patent application.

Respectfully submitted,

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